

Applicant: Brady *et al.*  
For: INTEGRATED INERTIAL STELLAR ATTITUDE SENSOR

ABSTRACT OF DISCLOSURE

An integrated inertial stellar attitude sensor for an aerospace vehicle includes a star camera system, a gyroscope system, a controller system for synchronously integrating an output of said star camera system and an output of said gyroscope system into a stream of data, and a flight computer responsive to said stream of data for determining from the  
5 star camera system output and the gyroscope system output the attitude of the aerospace vehicle.